

**TOLERANCES (inch)****1/8–1/4 DIAMETER** $D_1 = +0.0000/-0.0012$  $D_2 = h_6$  $R = +0.0000/-0.0020$ **>1/4–3/8 DIAMETER** $D_1 = +0.0000/-0.0016$  $D_2 = h_6$  $R = +0.0000/-0.0020$ **>3/8–1 DIAMETER** $D_1 = +0.0000/-0.002$  $D_2 = h_6$  $R = +0.0000/-0.0020$ 
**ZD1CR**  
 FRACTIONAL SERIES

TECH INFO 69

| inch                      |                        |                         |                         |                |                      | EDP NO.             |
|---------------------------|------------------------|-------------------------|-------------------------|----------------|----------------------|---------------------|
| CUTTING DIAMETER<br>$D_1$ | LENGTH OF CUT<br>$L_2$ | OVERALL LENGTH<br>$L_1$ | SHANK DIAMETER<br>$D_2$ | REACH<br>$L_3$ | CORNER RADIUS<br>$R$ | Ti-NAMITE-A (AlTiN) |
| 1/8                       | 5/32                   | 2-1/2                   | 1/4                     | 1/2            | .010                 | 36780               |
| 3/16                      | 7/32                   | 2-1/2                   | 1/4                     | 3/4            | .020                 | 36781               |
| 1/4                       | 9/32                   | 2-1/2                   | 1/4                     | 3/4            | .020                 | 36782               |
| 5/16                      | 13/32                  | 2-1/2                   | 5/16                    | 1              | .040                 | 36783               |
| 3/8                       | 15/32                  | 2-1/2                   | 3/8                     | 1              | .040                 | 36784               |
| 7/16                      | 9/16                   | 2-3/4                   | 7/16                    | 1              | .040                 | 36785               |
| 1/2                       | 5/8                    | 3                       | 1/2                     | 1-1/4          | .040                 | 36786               |
| 1/2                       | 5/8                    | 4-1/2                   | 1/2                     | 2-1/4          | .040                 | 36787               |
| 5/8                       | 3/4                    | 3-1/2                   | 5/8                     | 1-1/2          | .040                 | 36788               |
| 5/8                       | 3/4                    | 4-1/2                   | 5/8                     | 2-1/4          | .040                 | 36789               |
| 5/8                       | 3/4                    | 5-1/2                   | 5/8                     | 3-1/4          | .040                 | 36790               |
| 3/4                       | 15/16                  | 4                       | 3/4                     | 1-3/4          | .060                 | 36791               |
| 3/4                       | 15/16                  | 4-1/2                   | 3/4                     | 2-1/4          | .060                 | 36792               |
| 3/4                       | 15/16                  | 5-1/2                   | 3/4                     | 3-1/4          | .060                 | 36793               |

STEELS

HARDENED STEELS

**TOLERANCES (mm)****3–6 DIAMETER** $D_1 = +0,000/-0,030$  $D_2 = h_6$  $R = +0,000/-0,050$ **>6–10 DIAMETER** $D_1 = +0,000/-0,040$  $D_2 = h_6$  $R = +0,000/-0,050$ **>10–20 DIAMETER** $D_1 = +0,000/-0,050$  $D_2 = h_6$  $R = +0,000/-0,050$ 
**ZD1MCR**  
 METRIC SERIES

TECH INFO 69

| mm                        |                        |                         |                         |                |                      | EDP NO.             |
|---------------------------|------------------------|-------------------------|-------------------------|----------------|----------------------|---------------------|
| CUTTING DIAMETER<br>$D_1$ | LENGTH OF CUT<br>$L_2$ | OVERALL LENGTH<br>$L_1$ | SHANK DIAMETER<br>$D_2$ | REACH<br>$L_3$ | CORNER RADIUS<br>$R$ | Ti-NAMITE-A (AlTiN) |
| 3,0                       | 4,0                    | 57,0                    | 6,0                     | 15,0           | 0,2                  | 46560               |
| 4,0                       | 5,0                    | 57,0                    | 6,0                     | 15,0           | 0,3                  | 46561               |
| 5,0                       | 6,0                    | 57,0                    | 6,0                     | 15,0           | 0,5                  | 46562               |
| 6,0                       | 7,0                    | 57,0                    | 6,0                     | 15,0           | 1,0                  | 46563               |
| 8,0                       | 10,0                   | 63,0                    | 8,0                     | 25,0           | 1,0                  | 46564               |
| 10,0                      | 12,0                   | 72,0                    | 10,0                    | 30,0           | 1,0                  | 46565               |
| 12,0                      | 15,0                   | 83,0                    | 12,0                    | 35,0           | 1,0                  | 46566               |
| 16,0                      | 20,0                   | 92,0                    | 16,0                    | 45,0           | 1,5                  | 46567               |
| 20,0                      | 24,0                   | 104,0                   | 20,0                    | 55,0           | 2,0                  | 46568               |

